



**Product Report**

**Manufacturer: Petersen Aluminum Corporation**

**102 Northpoint Parkway  
Building 106  
Acworth, GA 30102  
(800) 272-4482**

**Florida Product Approval #23157**

**Soffit Panels**

**NON-HVHZ**

**Compliant with Florida Building Code 2017 (6<sup>th</sup> ed.) Sections 1403, 1504, 1505, 1506, 1507 Compliant with Florida Product Approval Rule # 61G20-3  
Compliant Quality Assurance Program: UL LLC**

**FL 23157 Product: PAC-850 Aluminum Soffit Panel**

**12" wide X 0.032" Alum over 22GA purlins**

**Fastened with Corrosion Resistant #10 x 16 #3 SD into 22GA Steel Purlin or equivalent #10-12 Type A into Wood Purlin. (Hook and Grab interlock rib)**

**Phillips #10 16 Pancake Tek/3 fasteners for Steel applications.**

**Support spacing max. 48" o.c. Rib height .38" Purlins (Design of support system not part of this report. Steel Purlins: 22 GA 50ksi \*See Load Table for Margin of Safety Variables**

**LIMITATIONS:**

1. Products herein this report are compliant with current Florida Building Code (FBC)2017 6<sup>th</sup> ed.
2. Install in compliance with FBC 2017 6<sup>th</sup> ed., W/manufacture's reference.
3. Products are compliant for State of Florida product approval per Rule 61G20-3.
4. Compliance Method: 1-D. Engineering analysis "project specific approval" to determine wind safety factors, is allowed by other registered professionals.
5. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
6. Support framing in compliance w/FBC 2017 6<sup>th</sup> ed., Chapter 22 for Steel, Chapter 23and Chapter 16 for Structural Loading.
7. This report does not imply warranty, installation, recommended product use outside of this report.

<b>SUBSTRATE:</b>	<b>22GA STEEL PURLIN</b>	<b>WOOD PURLIN</b>
<b>PURLIN SPACING:</b>	<b>4'-0" O.C.</b>	<b>1'-0" O.C.</b>
<b>FASTENERS PER PURLIN:</b>	<b>1</b>	<b>1</b>
<b>SPAN CONDITION:</b>	<b>2-SPAN</b>	<b>3-SPAN</b>
<b>**DESIGN PRESSURE:</b>	<b>-24.27 PSF</b>	<b>-110.93 PSF</b>

**\*\*DESIGN PRESSURE INCLUDES A 1.5 Margin of Safety Factor**

**Reference Data:**

**ASTM E 1592-05 (2012) Standard Test Method for Structural Performance of Sheet Metal Roof and Soffit Systems by Uniform Static Air Pressure Difference.**

**ASTM E 330 (2002) Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Uniform Static Air Pressure Difference.**

**Fenestration Testing Laboratory, Inc. (TST-1657)**

**Project Test #13-4858**

**Cerny and Ivy Engineers Incorporated (TST-3850)**

**Project Test #T24337**

**Load table provided by Force Engineering and Testing**

**EQUIVALENCY: ASTM E 1592-05, test standards are equivalent to ASTM E 1592-2012 test standards**

**Certificate of Independence:**

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